

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/050490

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04N7/01

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 838 600 A (KNUTSON PAUL GOTTHARD ET AL) 17 November 1998 (1998-11-17) column 2, line 53 - column 5, line 65; figures 1,2 -----	1-21
Y	US 5 892 695 A (VAN DALFSEN AGE J ET AL) 6 April 1999 (1999-04-06) column 2, line 43 - column 4, line 50; figures 1-3 ----- -/-	1-21

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

13 August 2004

Date of mailing of the international search report

30/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Kuhn, P

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/050490

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JOHAN G.W.M. JANNSEN, J.H. STESSEN, P.H.N. DE WITH: "An advanced sampling rate conversion technique for video and graphics signals" IMAGE PROCESSING AND ITS APPLICATIONS, 1997., SIXTH INTERNATIONAL CONFERENCE ON, IPA 97, 15 July 1997 (1997-07-15), pages 771-775, XP002292184 page 771, paragraph 2 - page 774, paragraph 6; figure 4 -----	1-21
A	US 6 281 873 B1 (OAKLEY DAVID) 28 August 2001 (2001-08-28) cited in the application column 4, line 28 - column 6, line 19; figure 3 -----	1-21
A	US 5 274 372 A (LUTHRA AJAY K ET AL) 28 December 1993 (1993-12-28) column 2, line 31 - line 47; figures 2,5 -----	1-21
A	ANG C N ET AL: "Virtex FPGA implementation of a polyphase filter for sample rate conversion" SIGNALS, SYSTEMS AND COMPUTERS, 2000. CONFERENCE RECORD OF THE THIRTY-FOURTH ASILOMAR CONFERENCE ON, VOL.1, ISS., 2000, vol. 1, 29 October 2000 (2000-10-29), pages 365-369, XP010535392 page 365, paragraph 2.1 - page 369, paragraph 4.3 -----	1-21

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/050490

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 5838600	A 17-11-1998	NONE		
US 5892695	A 06-04-1999	DE	69708841 D1	17-01-2002
		DE	69708841 T2	22-08-2002
		EP	0870364 A2	14-10-1998
		WO	9819396 A2	07-05-1998
		JP	2000504520 T	11-04-2000
US 6281873	B1 28-08-2001	US	2001017631 A1	30-08-2001
US 5274372	A 28-12-1993	DE	4336331 A1	28-04-1994
		GB	2271905 A ,B	27-04-1994
		JP	6204797 A	22-07-1994